

**DEVAL L. PATRICK GOVERNOR** TIMOTHY P MIJRRAY LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

### The Commonwealth of Massachusetts

Executive Office of Health and Human Services Department of Public Health William A. Hinton State Laboratory Institute 305 South Street, Jamaica Plain, MA 02130

03/15/2011

Christopher Pohl Assistant US Attorney, Boston District

Dear AUSA Pohl,

Enclosed is the information you requested in regards to US vs. copies of the following:



- 1. Curriculum Vitae for Annie Dookhan.
- 2. Drug Analysis Laboratory Receipt.
- Control Cards with analytical results for sample #



- 4. Analysis sheets with custodial chemist's hand notations and test results.
- GC/Mass Spectral analytical data for sample #

6. Infra Red analytical data for sample #

I, Annie Dookhan, was the custodial chemist and performed the testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Dookhan

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6631

Annie.Khan@state.ma.us

#### Curriculum Vitae

### Annie Khan (Dookhan)

#### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry. University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- \*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- \*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- \*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- \*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- \*Maintenance and repairs of all analytical instruments.
- \*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- \* Responsible for the Quality Control/Quality Assurance program for the drug lab.
- \*Notary Public.
- \*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 - 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- \*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- \*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- \*Writing, revising and reviewing Standard Operating Procedures (SOPs).
- \*Trained and supervised new chemists and interns for the department.
- \*Routine QC testing of products for the FDA.
- \*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- \*Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- \*Complete testing of chemicals for Vendor Validation Project for the FDA.
- \*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings) GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

#### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

# The Commonwealth of Massachusetts Executive Office of Health and Human Services Department of Public Health

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

State Laboratory Institute

Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

Amherst Hours

8:00 - 11:00 2:00 - 4:00

DRUG RECEIPT

9:00 - 12:00 1:00 - 3:00

City or Department:	Brockton Polic	e Department	Pol	ice Reference No.:	
Name and Rank of S	ubmitting Officer:	DONOHUE, PATRICK S	380	DOC # R012425	
Defendant(s) Name (	last,first,initial):		<del>Colorado antico</del>		

To be completed by Submitter Description of Items Submitted	To be completed by Lab Personn Gross Weight Lab Number
1) WHITE TABLETS (QTY: 15) TABLETS (S17394 )	13.4g
2) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17395 )	18.5g
3) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17396)	18,7a
4) PLASTIC BAG UNK WHITE POWDER (QTY: 1) UNK WHITE POWDER (S17397)	4,7
5) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17398)	5.3a
6) UNK WHITE ROCK (LOOSE SUBST) (QTY: 1) PLASTIC BAG UNK WHITE ROCK (S17399)	8.79
·	

Received By:	ELO	Date:
•		Folk_OIG_PRR_023806

### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

# The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health State Laboratory Institute

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

**Amherst Drug Laboratory** Tel (413) 545-2601

**Boston Hours** 8:00 - 11:00

2:00 - 4:00

City or Department: Brockton Police Department

Fax (413) 545-2608

DRUG RECEIPT

Police Reference No.:

**Amherst Hours** 

9:00 - 12:00

1:00 - 3:00

Name and Rank of Submitting Officer: DONOHUE, PATRICK S 38	0 DOC # R012736
Defendant(s) Name (last,first,initial):	-
To be completed by Submitter  Description of Items Submitted	To be completed by Lab Personnel Gross Weight Lab Number
• 1) WHITE TABLETS (QTY: 15) TABLETS (S17394)	18,38 gr
2) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17395)	18,38 gn 24.20 gn 24.33 gn
3) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17396)	24.33 pm
4) PLASTIC BAG UNK WHITE POWDER (QTY: 1) UNK WHITE POWDER (S17397)	
5) PLASTIC BAG UNK WHITE ROCK (QTY: 1) (S17398)	10.53 gm
6) UNK WHITE ROCK (LOOSE SUBST) (QTY: 1) PLASTIC BAG UNK WHITE ROCK (S17399)	13.81 pm
RESUBMITHUS FOR BASE	
$A_{\Lambda}$	^

Date Analyzed: No. 12-28-09 City: Brockton Police Dept. Officer: Detective PATRICK DONOHUE Def: 15.0 Amount: Subst: TAB Cont: pb No. Cont: 1 Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: つ. & 3 Gross Wt.: 13.40 # Tests: \ (A-5-5) · 2DJR Prelim: 0xycodone 8 Findings: Oxycodone Date Analyzed: City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: \ 3 - 니고 Gross Wt.: 18.50 #Tests: 6 aso · 2DTK Prelim: Coccure Findings: Cocaine Date Analyzed: No. City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb 1 Date Rec'd: 12/16/2009 No. Analyzed:

...

Net Weight: \3.55

# Tests: 6-8-

SOLE

Prelim: Coccuration Findings: Cocaine

Gross Wt.:

18.70

Date Analyzed: City: Brockton Police Dept. 11-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: 0,37 Gross Wt.: 4.70 # Tests: 6050 JOJR Prelim: Findings: cocarie Locaine No. Date Analyzed: 12-28-09 City: Brockton Police Dept. Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB No. Cont: Cont: pb Date Rec'd: 12/16/2009 No. Analyzed: Net Weight: ○ · 76 Gross Wt.: 5.30 # Tests: 6 \$ > ·SDJR Prelim: CO Coure Findings: -ocaine Date Analyzed: No. City: Brockton Police Dept. 12-28-09 Officer: Detective PATRICK DONOHUE Def: Amount: Subst: SUB Cont: pb No. Cont: No. Analyzed: Date Rec'd: 12/16/2009 Net Weight: 4.29 Gross Wt.: 8.10 6000 # Tests: ·DDIK

Findings:

Prelim: Cocaia

1

Folk\_OIG\_PRR\_023809

Cocaine

No. Date Analyzed: OGN-15-10
City: Brockton Police Dept.
Officer: Detective PATRICK DONOHUE
Def:

No. Cont: 1 Cont: pb

15.0

Amount:

Date Rec'd: 03/31/2010 No. Analyzed:

Gross Wt.: 18.38 Net Weight: 7. 8-3

# Tests: O ASO

Subst: TAB

Bac

Prelim: Findings: NOTTESTED

No. Date Analyzed: O CI-15-10

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount: Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 03/31/2010 No. Analyzed:

Gross Wt.: 24.20

Net Weight: 13. 니2

# Tests: 1 (円ろつ)

**B-DK** 

Prelim: Findings: Coccuse BESC

No. Date Analyzed: O U-15-10

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Cont: pb

Date Rec'd: 03/31/2010

No. Cont:

No. Analyzed:

Gross Wt.: 24.33

Net Weight: 13.55

Subst: SUB

# Tests: \ つらつ

032

Prelim:

Findings: Cocario Base

Date Analyzed: 60-15-16

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Cont: pb

Def:

Amount:

4

Subst: SUB

No. Cont:

Date Rec'd: 03/31/2010

Gross Wt.:

10.53

No. Analyzed:

Net Weight: 이 공기

# Tests: 1 ASS

BB

Prelim:

Findings: COCarre HCL

Date Analyzed: O U-15-10

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Subst: SUB

No. Cont:

Cont: pb

Date Rec'd: 03/31/2010

No. Analyzed:

Gross Wt.: 11.27 Net Weight: 0.76

# Tests: 1935

DOST

Prelim:

Findings: COCCURA GASE

No.

Date Analyzed: ひいついるつ

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount:

Subst: SUB

No. Cont:

Cont: pb

Date Rec'd: 03/31/2010

No. Analyzed:

Net Weight: 4-29

Gross Wt.: 13.81

#Tests: IASO

BOR

Prelim:

Findings: Cocama Base

SAMPLE#	AGENCY Brockton ANALYST ASS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
15 WM. 12 Dun	Gross Wt ( ):
is 1 br	
المن	Net Wt: 7.8375
512	
· .	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ()	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	Musmodso A+(F)
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Oxycoclore	RESULTS Oxycoclone
DATE 12-22-09	MS OPERATOR DSC
	DATE 12-28-09

### **POISINDEX® Product List**

#### Acetaminophen And Oxycodone

Also known as

Oxycodone And Acetaminophen

Regulatory-Status:

Schedule II

Ingredients

Active-Ingredients:

Acetaminophen - 325 MG

Oxycodone Hydrochloride - 5 MG

Excipients:

microcrystalline cellulose pregelatinized starch

Silicon Dioxide Stearic Acid Crospovidone Povidone

### **Availability & Manufacturing**

Availability:

**United States** 

Available-Container-

Bottle of 100; Bottle of 500

Contact:

Sizes:

Covidien Mallinckrodt

Product ID:

5726249

**AAPCC Code:** 

072702 - Acetaminophen with Oxycodone

**Registry Numbers:** 

NDC 00406-0512-01

NDC 00406-0512-05

### **Physical Description**

Imprint: 512

Form:

Tablet

Color:

white

Shape:

Circle; scored

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SAMPLE# AGENCY	Brockton ANALYST AND
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
15 while tablets	Gross Wt ( ):
17.62	Pkg. Wt:
	Net Wt:
	· · · · · · · · · · · · · · · · · · ·
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt	Gold
Thiocyanate ( )	Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS 1007 Tested	RESULTS
DATE OU-15-10	MS OPERATOR
	DATE 04-15-10

SAMPLE# AGENCY &	SCIETOS ANALYST ASS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ): 14.7056
while cherry susser	Gross Wt ( ):
11.62	Pkg. Wt:
	Net Wt: 13-4256
	netet = 13.4119
Mettles AB104 111713 Ohaero Would 11254	•
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate (+) +	Gold Chloride +
Marquis	TLTA ( +) +
Froehde's	OTHER TESTS
Mecke's	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS COCCERO	RESULTS (Occurs
DATE 12-25	MS OPERATOR 03 C
	DATE 12-28 09

SAMPLE # AGENCY AGENCY No. of samples tested:	Brocker ANALYST Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ):
Resubmit IR tes	Gross Wt ( ):
DE conte charage	Met AAT:
() (0)	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( )	Gold Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	72 - +
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS COccura base	RESULTS
DATE OU-15-LD	MS OPERATOR
	DATE OU-IS-10

	Brockby ANALYST ASO
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ): 14.8519
white chang sussion	Gross Wt ( ):
17 ,00	Pkg. Wt:
	Net Wt: \3-5527
	Nevur = 13.5393
Mettler AB104 111 Ohaves 10 10110 11	•
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate <u>( -) +-</u>	Gold Chloride +
Marquis	TLTA ( - ) -
Froehde's	OTHER TESTS
Mecke's	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS coccure	RESULTS cocane
DATE 12-22-09	MS OPERATOR
	DATE 12-28-09

SAMPLE # AGENC	Y Brockers ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
Off white chining	sussine Gross Wt ( ):
17 185	Pkg. Wt:
	Net Wt:
regul mitted	3 C
	, and the second
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt	Gold
Thiocyanate ( )	Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	IR = +
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Cocario base	RESULTS
DATE OM-IS-10	MS OPERATOR
	DATE 04-15-10

SAMPLE # AGENCY No. of samples tested:	Brock to ANALYST AND Evidence Wt
PHYSICAL DESCRIPTION:	Gross Wt ( ): 0.9643
white powdros su	Gross Wt ( ):
49.11	Pkg. Wt:
	Net Wt: <u>0 3748</u>
	renux = 0 3668
Metter ABION IIIT	
Ohaus 10,0110 1187	5 493269
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate (*-)	Gold Chloride +
Marquis	TLTA (+)->
Froehde's	OTHER TESTS
Mecke's	
PRELIMINARY TEST RESULTS	GCIMS CONFIRMATORY TEST
RESULTS COccuse	RESULTS COCCURO
DATE 12-22-05	MS OPERATOR DSQ
	DATE 12-28-05

Revised 7/2005

SAMPLE# AGENCY	Brockeron ANALYST	A40
No. of samples tested:	Evidence Wt.	
PHYSICAL DESCRIPTION:	Gross Wt():	
while poudred su	SCHOLE Gross Wt ( ):	
17.67	Pkg. Wt:	
	Net Wt:	
resusmit IC		
	•	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests	
Cobalt	Gold	
Thiocyanate ( )	Chloride	
Marquis	TLTA ( )	
Froehde's	OTHER TESTS	uu etteerii oo saadd
Mecke's	TC=+	
		-
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TE	<u>st</u>
RESULTS <u>Cocavie HCL</u>	RESULTS	
DATE 04-15-10	MS OPERATOR	
	DATE 04-15-10	

SAMPLE#	AGENCY Ro	ockhoj	ANALYST	A30
No. of samples tested:	_	E	Evidence Wt.	
PHYSICAL DESCRIPTION:		Gro	ss Wt ( ):_	1.5963
white chance	Substa	رح Gros	ssWt():	·
15		•	Pkg. Wt:	
			Net Wt:	6,7635
			10c4 0	Jr = 0. 7556
Mether ABION	1117132	.502		•
Ohous WOLLO	11234	93269		
PRELIMINARY TESTS Spot Tests		Microc	rystalline Tes	<u>ts</u>
Cobalt Thiocyanate ( +)		Gold Chloride	F	
Marquis		TLTA <u>(</u>	+)+	
Froehde's		<u>011</u>	HER TESTS	
Mecke's				
PRELIMINARY TEST RESULTS		GC/MS COI	VFIRMATORY	TEST
RESULTS Coccue		RESULTS_	Cocan	<u>e</u>
DATE 12-22-09		MS OPERATOR _	028	
		DATE_	12-2	8-05

SAMPLE # AGENCY	Brocker ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt( ):
OSE WHIR Charly suds	+⊙ e Gross Wt ( ):
() (070	Pkg. Wt:
	Net Wt:
rosubmited I	- Q
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt	Gold Chloride
Thiocyanate ( )	
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	ナビニ ナ
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS Cocanobase	RESULTS
DATE 64-15-10	MS OPERATOR
	DATE 04-15-10

SAMPLE # AGENO	Y BOCKED ANALYST ASS
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	61 eaderce bay.  Gross Wt ( ): 8-2435
White Cherry Su	S-107(e Gross Wt ( ):
(10028) 11, 60	Pkg. Wt:
	Net Wt: 4-2967
	10cm = 4.2829
Mettle ASION	
01/com 10/0/10	123493269
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( +) 4	Gold Chloride <u>∔</u>
Marquis	TLTA <u>( →) →</u>
Froehde's	OTHER TESTS
Mecke's	
,	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS COCCEMO	RESULTS COCALLE
DATE 12-22-05	MS OPERATOR DIR
	DATE 128-05

SAMPLE# AGENCY	Brockton ANALYST ADD
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ):
of white every our	Gross Wt ( ):
17-62	Pkg. Wt:
	Net Wt:
ce bus mut IR	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt	Gold
Thiocyanate ( )	Chloride
Marquis	TLTA ( )
Froehde's	OTHER TESTS
Mecke's	チャーナ
•	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS cocare base	RESULTS
DATE 4-15-10	MS OPERATOR
	DATE 04-15-10

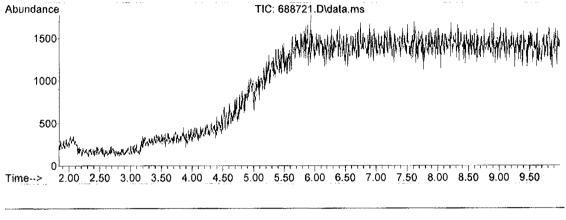
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688721.D

Operator : ASD

Date Acquired : 23 Dec 2009 16:22

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

1050 N



Ret. Time

Area

Area %

Ratio %

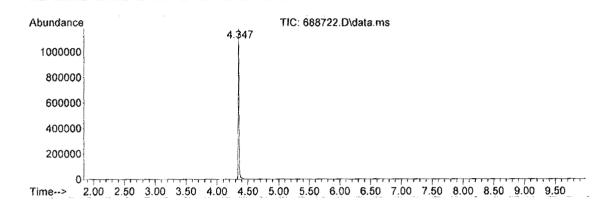
\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688722.D Operator : ASD

Date Acquired : 23 Dec 2009 16:34

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 22 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.347	1120861	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688722.D

Operator : ASD

Date Acquired : 23 Dec 2009 16:34

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 22 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

99

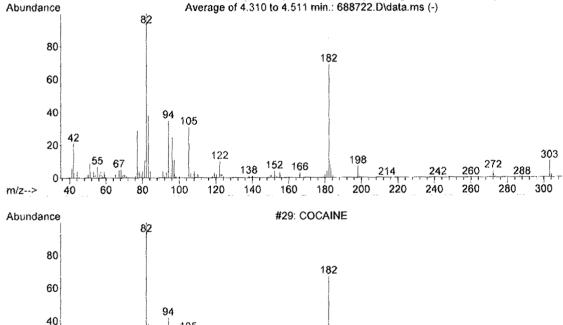
Minimum Quality: 80

C:\Database\NIST05a.L
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 4.35 C:\Database\SLI.L

COCAINE 000050-36-2



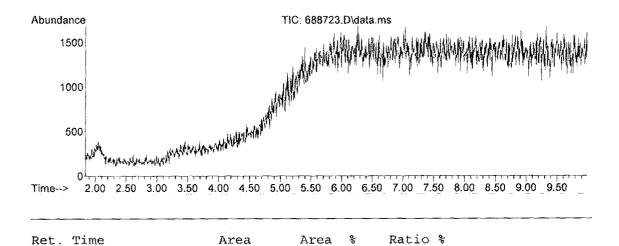
105 42 20 303 198 55 68 152 166 135 259 214 244 200 240 260 300 80 120 140 160 180 220 280 100 m/z--> 40 60

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688723.D

Operator : ASD

Date Acquired : 23 Dec 2009 16:47

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



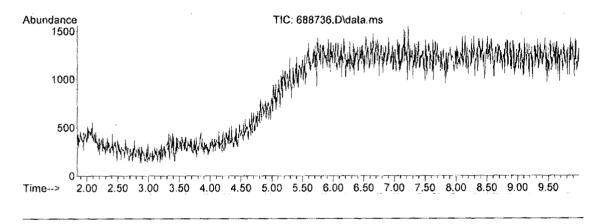
\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688736.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:31

Sample Name : BLANK : ASD Submitted by Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

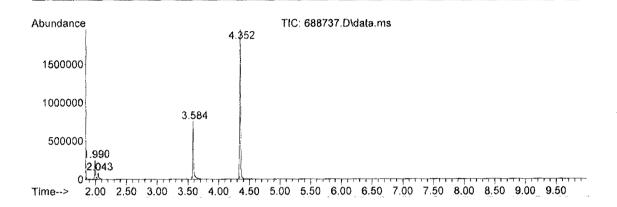
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name

Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	_
1.991	258265	7.81	12.60	
2.043	107530	3.25	5.25	
3.584	891522	26.96	43.51	
4.352	2048976	61.97	100.00	

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name :

Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

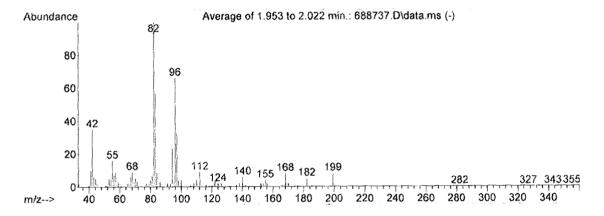
Minimum Quality: 80

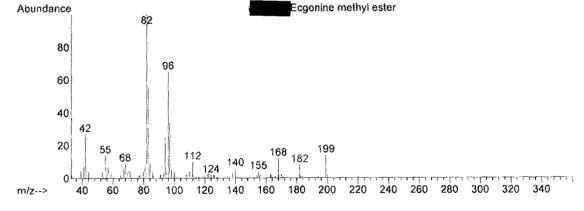
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.99	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl ester	106293-60-1 106293-60-1 099189-88-5	97 96 94





File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

Sample Name Submitted by

PK#

: ASD 37

Vial Number AcquisitionMeth: DRUGS.M Integrator RTE

RT

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

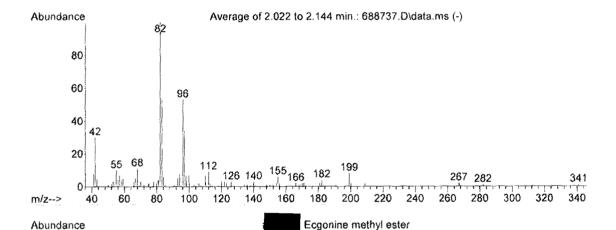
C:\Database\NIST05a.L

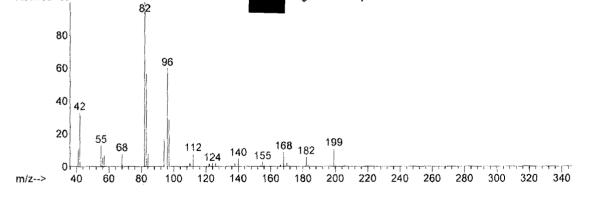
C:\Database\PMW TOX2.L

CAS# Oual Library/ID

2 2.04 C:\Database\NIST05a.L

Ecgonine methyl ester 106293-60-1 91 Ecgonine methyl ester 106293-60-1 72 Octanenitrile 000124-12-9 64





File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688737.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:44

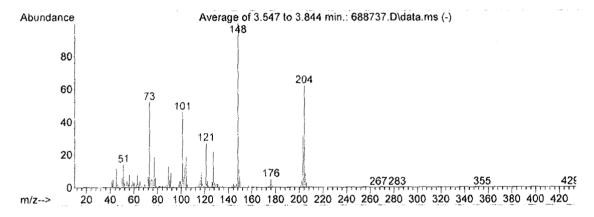
Sample Name :
Submitted by : ASD
Vial Number : 37
AcquisitionMeth: DRUGS.M
Integrator : RTE

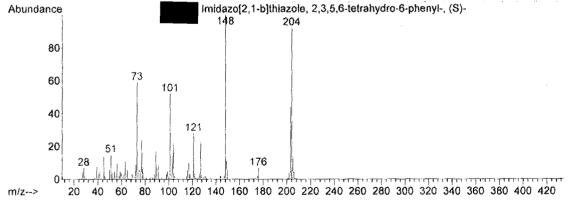
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK#	RT	Library/ID		CAS#	Qual
 3	3.58	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole.	2 2 5 6 + 6+	014769_73_4	99
		Imidazo[2,1-b]thiazole,	,		98
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98





File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688737.D

Operator : ASD

23 Dec 2009

Date Acquired

Sample Name Submitted by : ASD Vial Number 37 AcquisitionMeth: DRUGS.M Integrator RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

19:44

C:\Database\NIST05a.L Minimum Quality: 80

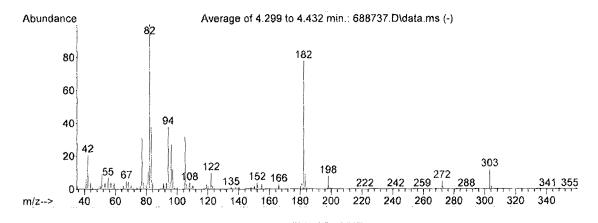
C:\Database\PMW\_TOX2.L

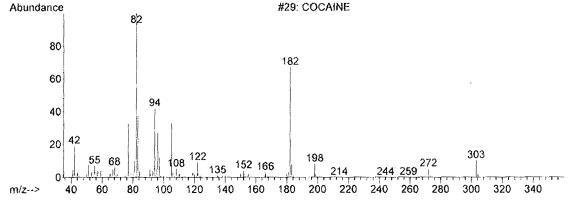
PK# RT Library/ID CAS# Oual

C:\Database\SLI.L 4 4.35

COCAINE

000050-36-2 99





688737.D

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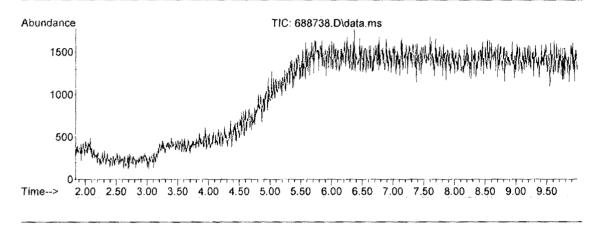
Page 5

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688738.D

Operator : ASD

Date Acquired : 23 Dec 2009 19:57

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time Area Area % Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688739.D

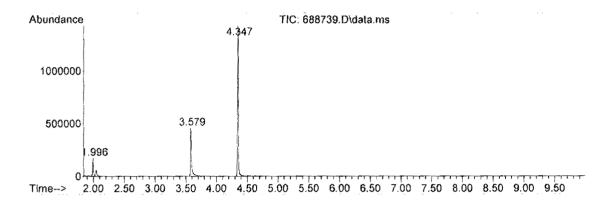
Operator : ASD

Date Acquired : 23 Dec 2009 20:09

Sample Name

Submitted by : ASD : 39

Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.996	164515	7.51	11.40	
3.579	582320	26.59	40.34	
4.347	1443457	65.90	100.00	

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688739.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:09

Sample Name Submitted by

: ASD Vial Number 39 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

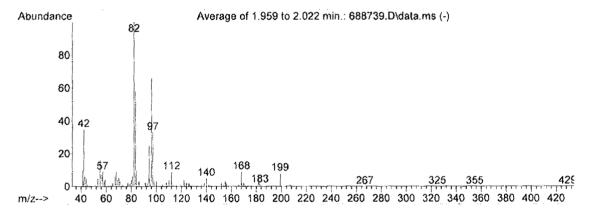
C:\Database\SLI.L Minimum Quality: 80

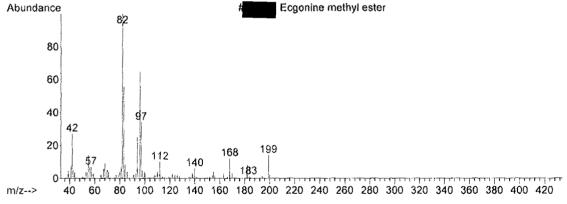
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT	Library/ID	CAS#	Qual
1 2.	00 C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl es	106293-60-1 106293-60-1 ter 099189-88-5	97 96 95





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688739.D

Operator : ASD

Date Acquired

: 23 Dec 2009 20:09

Sample Name Submitted by

: ASD

Vial Number AcquisitionMeth: DRUGS.M

39

Integrator

PK#

RTE

Search Libraries:

RT

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

CAS# Qual

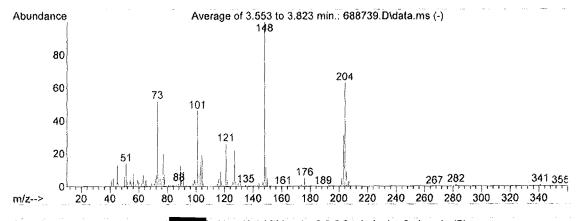
98

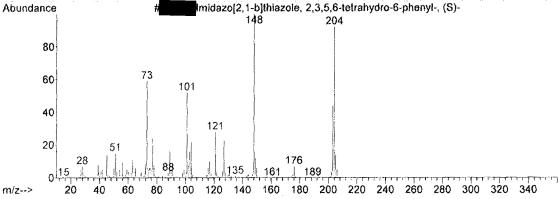
2 3.58 C:\Database\NIST05a.L

Library/ID

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 99 Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 98

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6





688739.D

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Page 3

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688739.D

Operator : ASD

PK#

Date Acquired : 23 Dec 2009 20:09

Sample Name :
Submitted by : ASD
Vial Number : 39
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

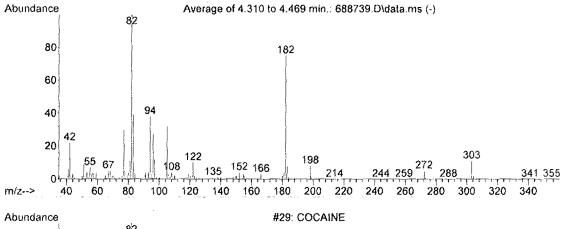
Qual

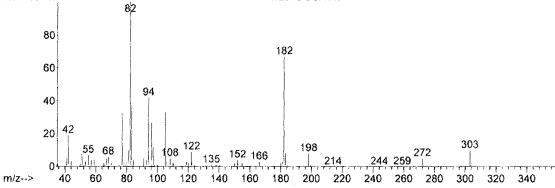
C:\Database\PMW TOX2.L

RT Library/ID CAS#

3 4.35 C:\Database\SLI.L

COCAINE 000050-36-2 99





Ratio %

Information from Data File:

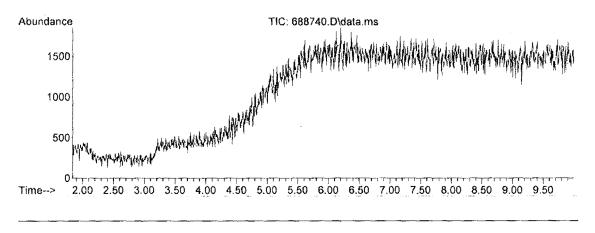
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688740.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:22

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time Area Area %

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688741.D

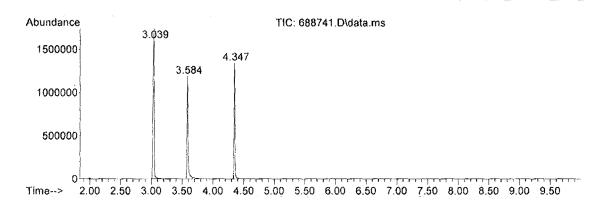
Operator : ASD

Date Acquired : 23 Dec 2009 20:35

Sample Name Submitted by

:

: ASD Vial Number : 41 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.039	2203707	43.48	100.00	_
3.584	1505174	29.70	68.30	
4.347	1359763	26.83	61.70	

File Name : F:\Q4-2009\SYSTEM7\12 23 09\688741.D

Operator : ASD

Date Acquired 23 Dec 2009 20:35

Sample Name

Submitted by ASD Vial Number 41 AcquisitionMeth: DRUGS.M

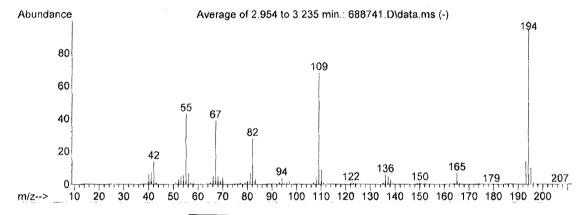
Integrator RTE

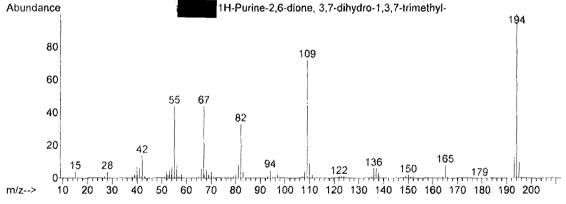
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
-	1	3.04	C:\Database\NIST05a.L			
			1H-Purine-2,6-dione,		000058-08-2	98
			1H-Purine-2,6-dione,	3,7-dihydro-1,	000058-08-2	98
			1H-Purine-2,6-dione,	3,7-dihydro-1,	000058-08-2	96





File Name :  $F: \Q4-2009\SYSTEM7\12 23 09\688741.D$ 

Operator : ASD

Date Acquired : 23 Dec 2009 20:35

Sample Name : Submitted by : ASD Vial Number : 41

AcquisitionMeth: DRUGS.M Integrator : RTE

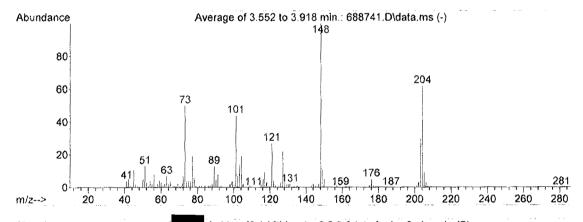
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

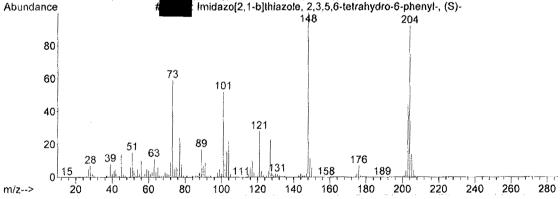
C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
2	3.58	C:\Database\NIST05a.L	A A A A A A A A A A A A A A A A A A A		
ū	0.00	Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	99 99 98





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688741.D

Operator : ASD

Date Acquired 23 Dec 2009 20:35

Sample Name Submitted by ASD

Vial Number 41 AcquisitionMeth: DRUGS.M

Integrator RTE

Search Libraries: C:\Database\SLI.L

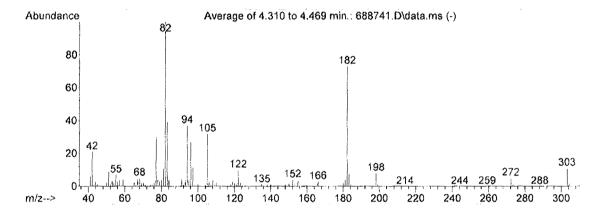
Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

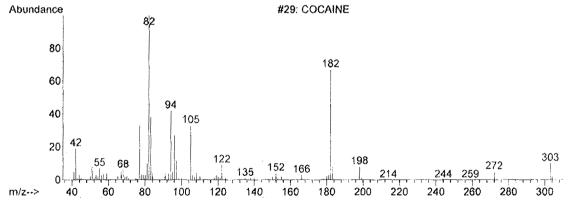
C:\Database\PMW\_TOX2.L

PK# RTLibrary/ID CAS# Qual

3 4.35 C:\Database\SLI.L

> COCAINE 000050-36-2 99





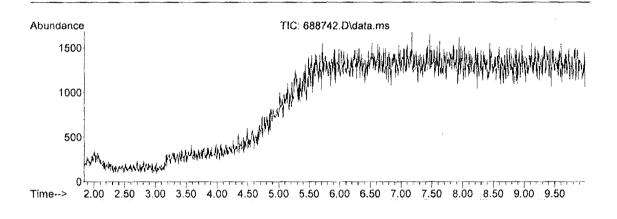
File Name : F:\Q4-2009\SYSTEM7\12 23\_09\688742.D

Operator : ASD

Date Acquired : 23 Dec 2009 20:47

Sample Name : BLANK Submitted by : ASD Vial Number

AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time

Area

Area

Ratio %

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688743.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:00

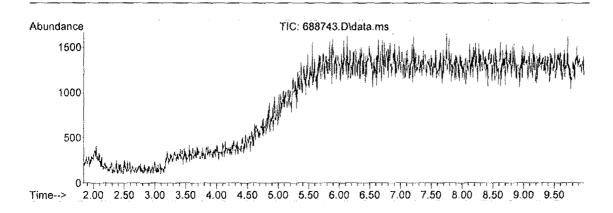
Sample Name : BLANK Submitted by Vial Number

: ASD

AcquisitionMeth: DRUGS.M

Integrator

: RTE



Ret. Time

Area

Area %

Ratio %

## Area Percent / Library Search Report

Information from Data File:

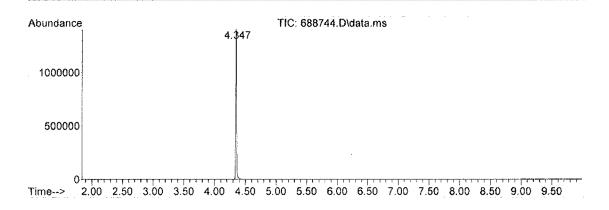
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688744.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:13

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.347	1462983	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688744.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:13

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE

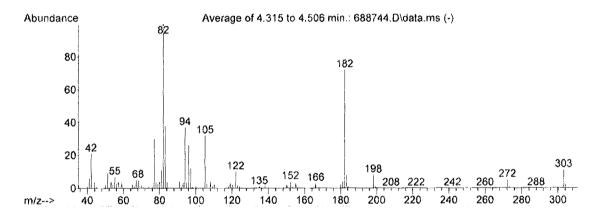
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

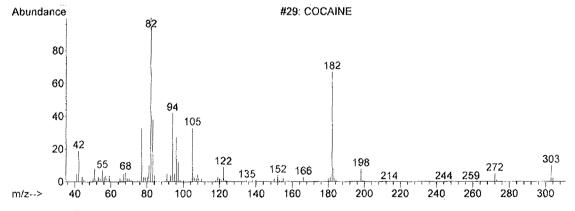
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual







File Name : F:\Q4-2009\SYSTEM7\12 23 09\688745.D

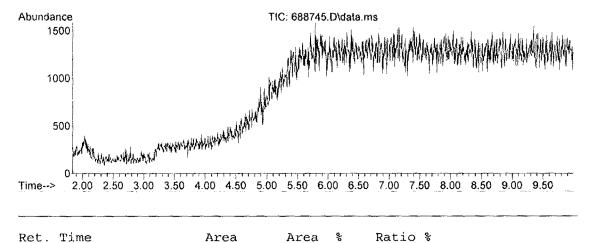
Operator : ASD

Date Acquired : 23 Dec 2009 21:25

Sample Name : BLANK : ASD Submitted by Vial Number 2

AcquisitionMeth: DRUGS.M

: RTE Integrator



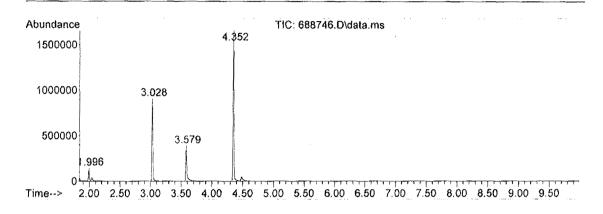
File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

Sample Name :

Submitted by : ASD
Vial Number : 46
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.996	138499	4.21	8.26	
3.028	956187	29.05	57.02	
3.579	519618	15.79	30.98	
4.352	1677016	50.95	100.00	

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

Sample Name Submitted by Vial Number

RT

PK#

: ASD 46

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

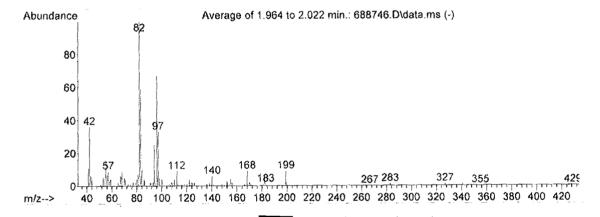
Minimum Quality: 80

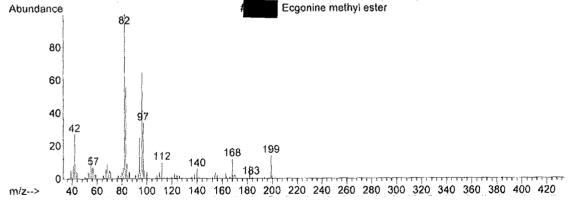
C:\Database\PMW TOX2.L

Library/ID

CAS# Qual

		* '		
1	2.00	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	97
		Pseudoecgonine methyl ester	099189-88-5	96





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

: RTE

Sample Name Submitted by : ASD Vial Number 46 AcquisitionMeth: DRUGS.M

Integrator

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

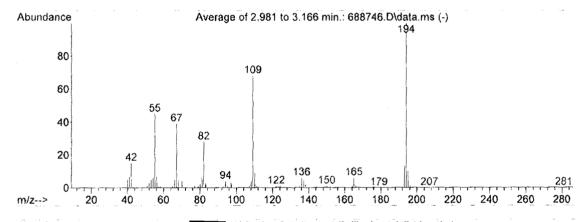
C:\Database\NIST05a.L

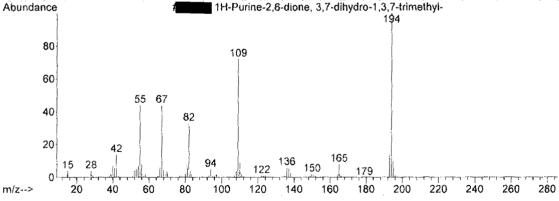
C:\Database\PMW TOX2.L

PK# RT CAS# Library/ID Qual

2 3.03 C:\Database\NIST05a.L

1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 98 1H-Purine-2,6-dione, 3,7-dihydro-1, 000058-08-2 96





688746.D

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File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:38

Sample Name : Submitted by : ASD Vial Number : 46

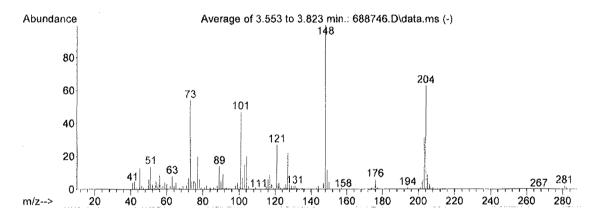
Vial Number : 46 AcquisitionMeth: DRUGS.M Integrator : RTE

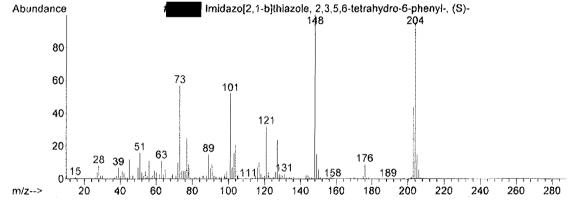
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
*****	3	3.58	C:\Database\NIST05a.L			
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98





File Name : F:\Q4-2009\SYSTEM7\12 23 09\688746.D

Operator : ASD

Date Acquired 23 Dec 2009 21:38

Sample Name : ASD Submitted by Vial Number 46 AcquisitionMeth: DRUGS.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

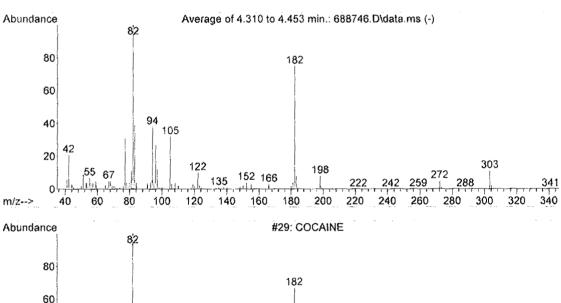
PK# RT Library/ID CAS# Qual

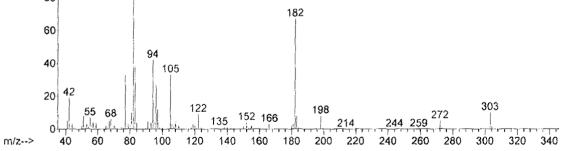
4 4.35 C:\Database\SLI.L

COCAINE

000050-36-2

99



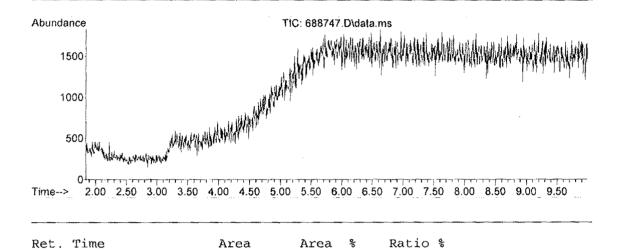


File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688747.D

Operator : ASD

Date Acquired : 23 Dec 2009 21:51

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



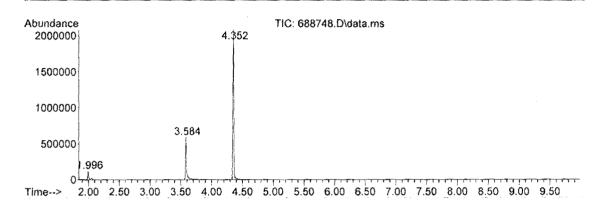
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688748.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

Sample Name :

Submitted by : ASD
Vial Number : 48
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
1.996 3.584	124551 745760	3.97 23.80	5.50 32.95	
4.352	2263647	72.23	100.00	

688748.D

File Name :  $F: \Q4-2009\SYSTEM7\12_23_09\688748.D$ 

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

: RTE

Sample Name : Submitted by : ASD Vial Number : 48 AcquisitionMeth: DRUGS.M

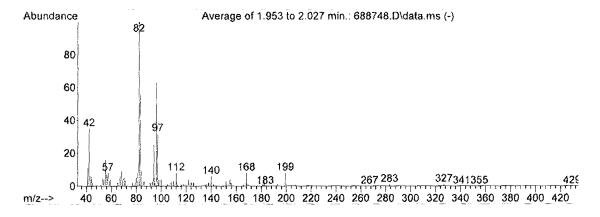
Integrator

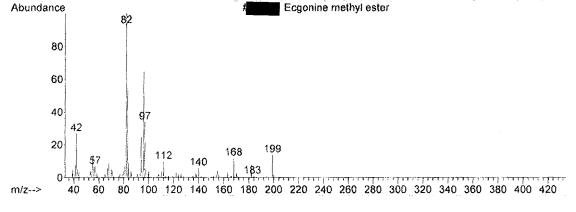
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST05a.L Ecgonine methyl ester Ecgonine methyl ester Pseudoecgonine methyl ester	106293-60-1 106293-60-1 099189-88-5	98 96 94





File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688748.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

: RTE

Sample Name :
Submitted by : ASD
Vial Number : 48
AcquisitionMeth: DRUGS.M

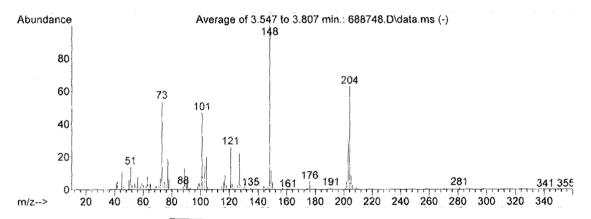
Integrator

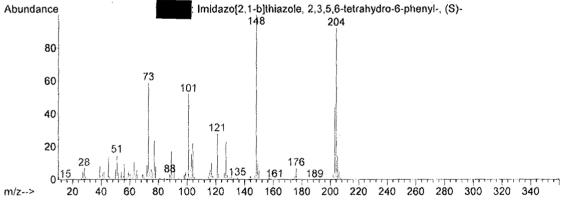
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
-	2	3.58	C:\Database\NIST05a.L	2 2 5 6 50	014769 72 4	99
			Imidazo[2,1-b]thiazole,			
			<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
			Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98





File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688748.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:03

Sample Name : Submitted by

Vial Number

: ASD : 48

AcquisitionMeth: DRUGS.M Integrator : RTE

DRUGS.M

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST05a.L

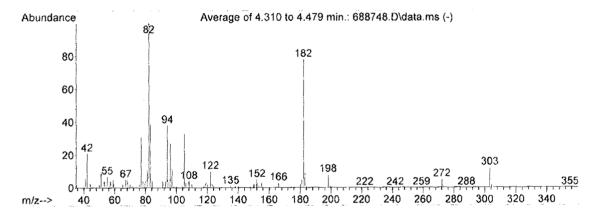
Minimum Quality: 80

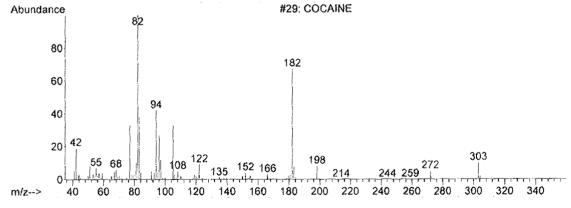
C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

3 4.35 C:\Database\SLI.L

COCAINE 000050-36-2 99



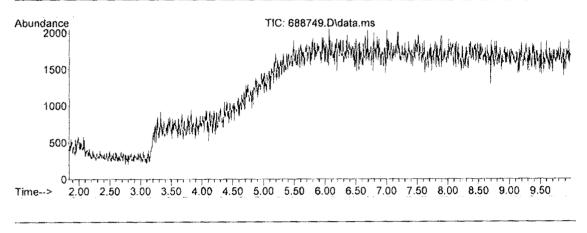


File Name :  $F:\Q4-2009\SYSTEM7\12_23_09\688749.D$ 

Operator : ASD

Date Acquired : 23 Dec 2009 22:16

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

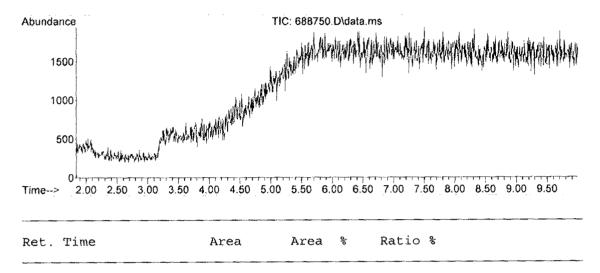
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688750.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:29

Sample Name : BLANK : ASD Submitted by Vial Number 2 AcquisitionMeth: DRUGS.M

: RTE Integrator

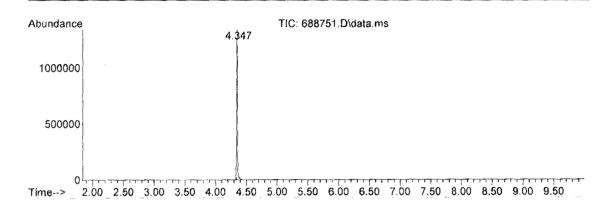


File Name :  $F:\Q4-2009\SYSTEM7\12\_23\_09\688751.D$  Operator : ASD

Date Acquired : 23 Dec 2009 22:42

Sample Name : COCAINE STD

Submitted by : ASD Vial Number : 51 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.347	1255279	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12 23 09\688751.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:42

Sample Name : COCAINE STD

Submitted by : ASD Vial Number 51 AcquisitionMeth: DRUGS.M Integrator : RTE

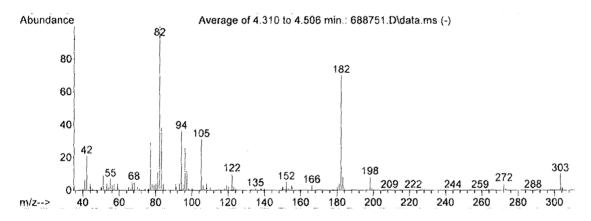
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

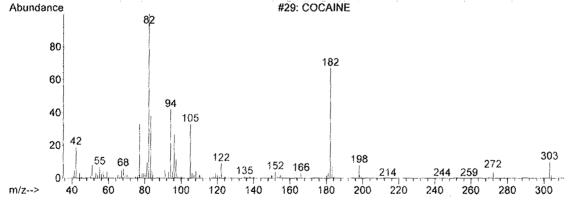
C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

4.35 C:\Database\SLI.L COCAINE 000050-36-2 99



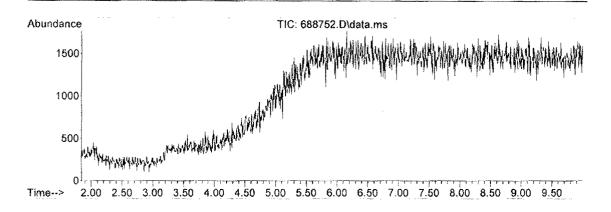


File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688752.D

Operator : ASD

Date Acquired : 23 Dec 2009 22:54

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

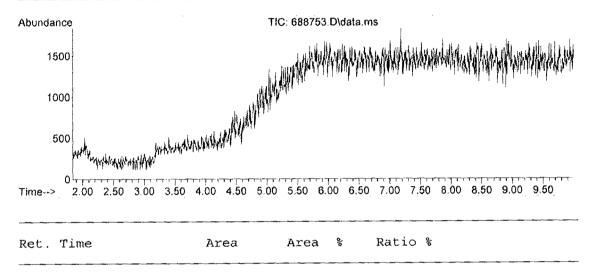
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688753.D

Operator : ASD

Date Acquired : 23 Dec 2009 23:07

Sample Name : BLANK Submitted by : ASD Vial Number : 2 AcquisitionMeth: DRUGS.M

Integrator : RTE



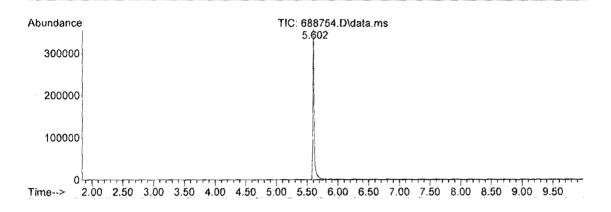
File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688754.D Operator : ASD

Date Acquired : 23 Dec 2009 23:19

Sample Name : OXYCODONE STD Submitted by : ASD

Vial Number : 54 AcquisitionMeth: DRUGS.M

Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
5.602	516764	100.00	100.00	

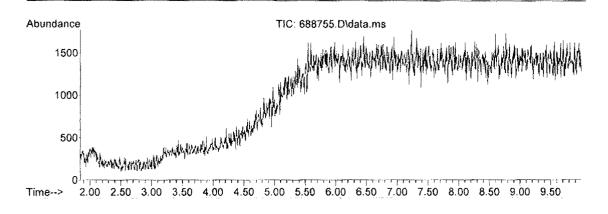
```
Information from Data File:
File Name
                  : F:\Q4-2009\SYSTEM7\12 23 09\688754.D
Operator
                  : ASD
Date Acquired
                  : 23 Dec 2009 23:19
Sample Name
                  : OXYCODONE STD
Submitted by
                    ASD
Vial Number
                      54
AcquisitionMeth: DRUGS.M
                  : RTE
Integrator
Search Libraries:
                       C:\Database\SLI.L
                                                            Minimum Quality: 80
                       C:\Database\NIST05a.L
                                                            Minimum Quality: 80
                       C:\Database\PMW_TOX2.L
  PK#
         RT
                   Library/ID
                                                                 CAS#
                                                                              Qual
   1
          5.60
                  C:\Database\NIST05a.L
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                                99
                   Morphinan-6-one, 4,5-epoxy-14-hydro 000076-42-6
                                                                               99
                          Average of 5.565 to 5.808 min.: 688754.D\data.ms (-)
Abundance
                                                                               315
     80
     60
                     70
                                                           230
      40
                               115
                                     140
                                                    201
     20
                                                 187
                                                                  258
                  55
                                  128
                            98
                                             175
                                          161
                                                                     272 286 300
              40
                       80
                            100
                                     140
                                          160
                                               180
                                                   200
                                                        220
                                                                  260
m/z-->
         20
                   60
                                 120
                                                             240
                                                                      280
                                                                           300
Abundance
               #134017: Morphinan-6-one, 4,5-epoxy-14-hydroxy-3-methoxy-17-methyl-, (5.alpha.)-
                                                                               315
     80
     60
                                                           230
     40
     20
                                                                 258
                                  128
                                                       215
                                          159
                                                                    272 286 300
                                                              244
        15
m/z-->
         20
              40
                       80
                            100
                                120
                                     140
                                          160
                                               180
                                                   200
                                                        220
                                                             240
                                                                  260
                                                                      280
```

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688755.D

Operator : ASD

Date Acquired : 23 Dec 2009 23:32

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

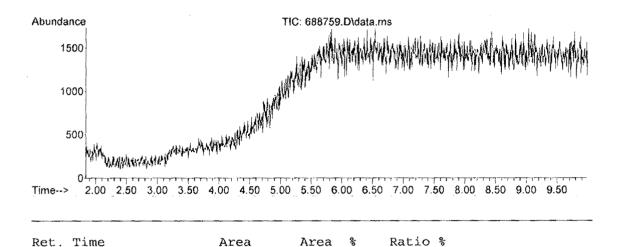
Ratio %

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688759.D

Operator : ASD

Date Acquired : 24 Dec 2009 00:23

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



## Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688760.D Operator : ASD

Operator : ASD

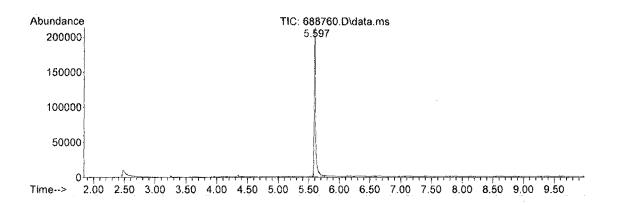
Date Acquired : 24 Dec 2009

00:36

Sample Name

Vial Number

Submitted by : ASD : 60 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.597	332783	100.00	100.00

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688760.D

Operator : ASD

24 Dec 2009 00:36

Date Acquired
Sample Name
Submitted by

: ASD

Vial Number : 60 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

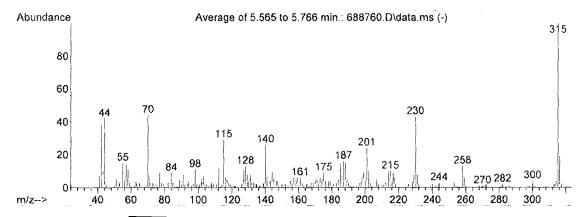
C:\Database\SLI.L

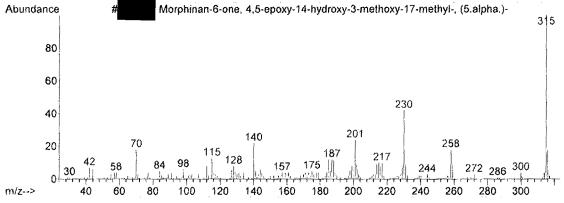
Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1 5	5.60	C:\Database\NISTO	5a.L		
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
		Morphinan-6-one.	4.5-epoxy-14-hydro	000076-42-6	97



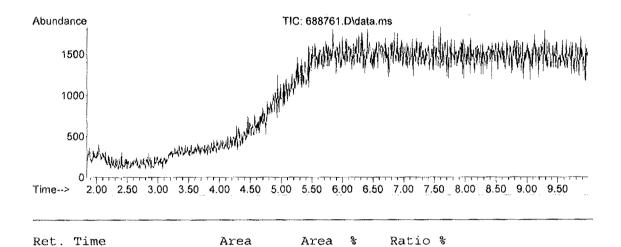


File Name : F:\Q4-2009\SYSTEM7\12 23 09\688761.D

Operator : ASD

Date Acquired : 24 Dec 2009 00:48

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

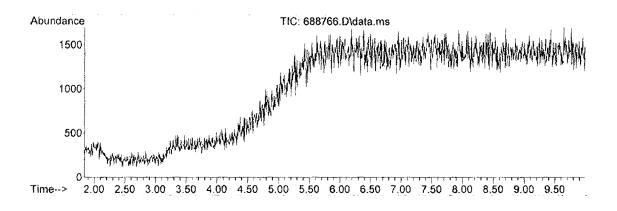


File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688766.D

Operator : ASD

Date Acquired : 24 Dec 2009 1:52

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

## Area Percent / Library Search Report

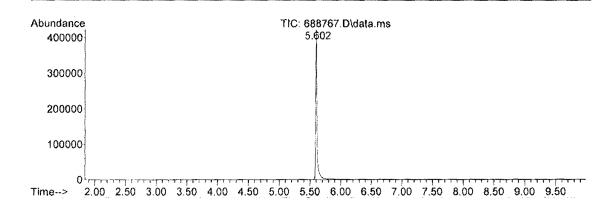
Information from Data File:

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688767.D Operator : ASD

Date Acquired : 24 Dec 2009 2:04

Sample Name : OXYCODONE STD

Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time Area		Ratio %	
5,602 63452	100.00	100.00	

```
Information from Data File:
```

File Name : F:\Q4-2009\SYSTEM7\12\_23\_09\688767.D

Operator : ASD

Date Acquired : 24 Dec 2009 2:04

Sample Name : OXYCODONE STD

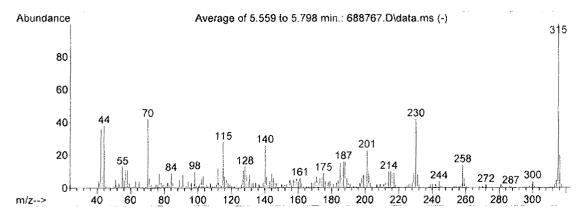
Submitted by : ASD Vial Number : 54 AcquisitionMeth: DRUGS.M Integrator : RTE

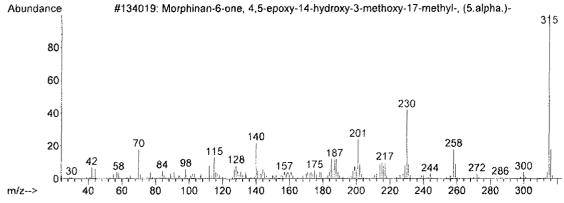
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

	PK#	RT	Library/ID		CAS#	Qual
1	1	5.60	C:\Database\NISTO	5a.L		
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99
			Morphinan-6-one,	4,5-epoxy-14-hydro	000076-42-6	99





Information from Data File:

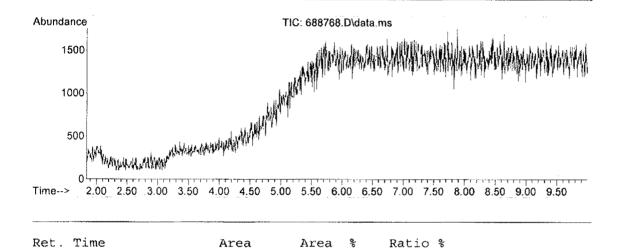
File Name : F:\Q4-2009\SYSTEM7\12 23 09\688768.D

: ASD Operator

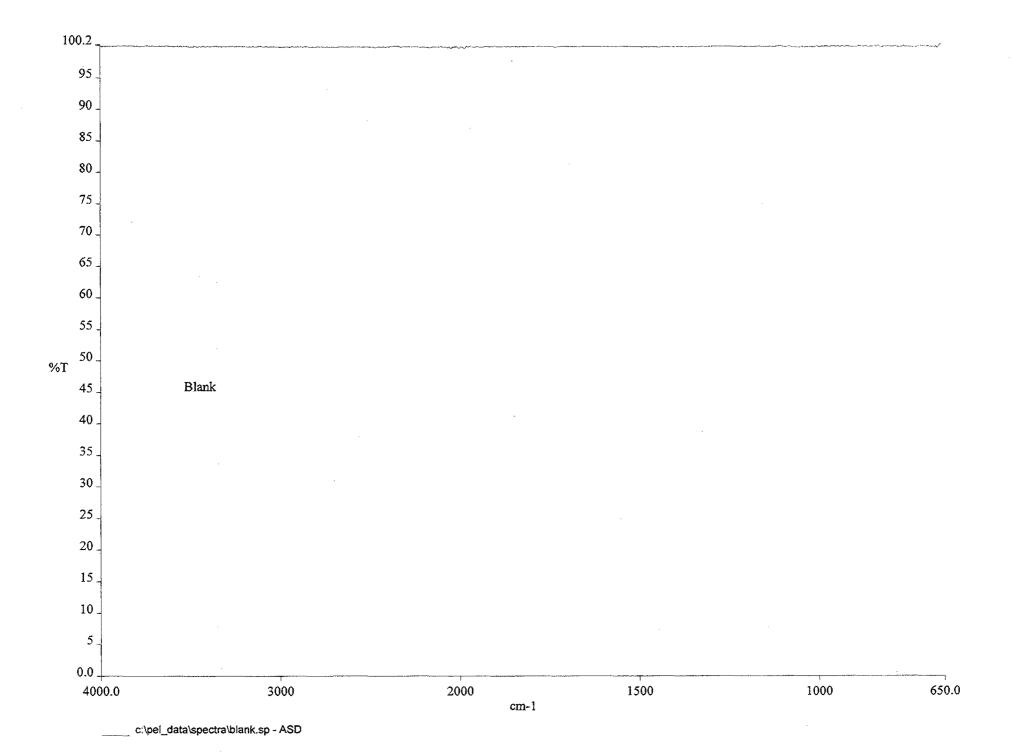
Date Acquired : 24 Dec 2009 2:17

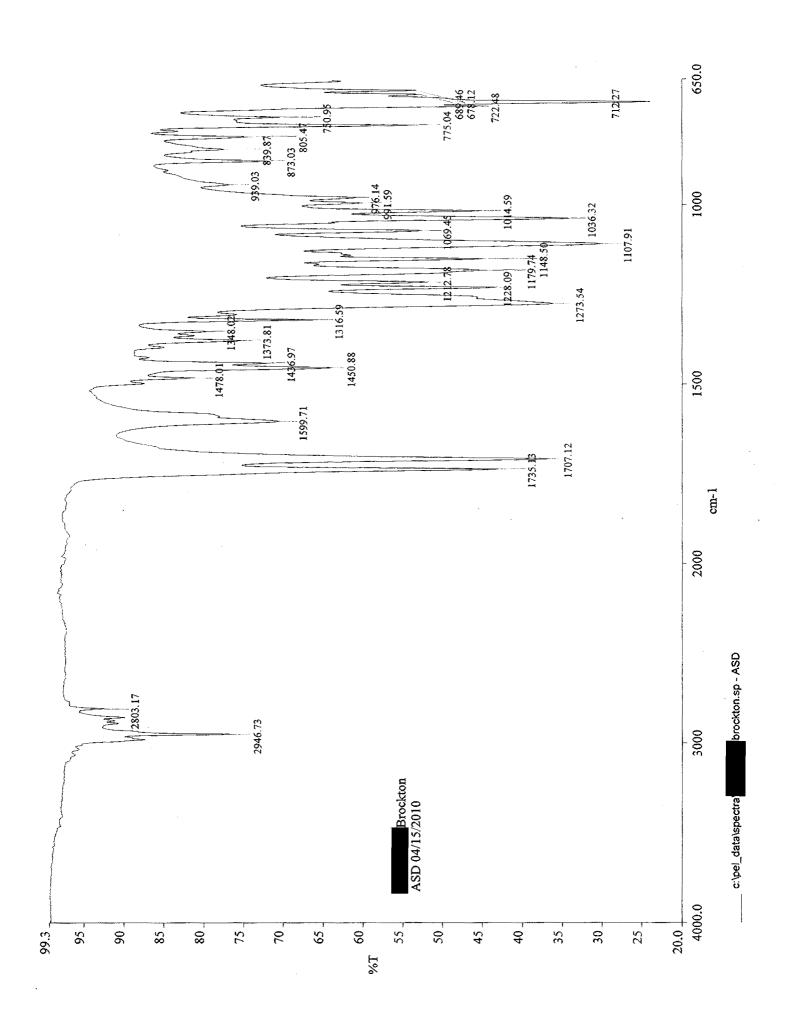
: RTE

Sample Name : BLANK Submitted by : ASD Vial Number 2 : AcquisitionMeth: DRUGS.M Integrator



\*\*\*NO INTEGRATED PEAKS\*\*\*





Unknown: C:\pel\_data\spectral Library: C:\pel\_data\libs\DL.idx

Brockton.sp

## Euclidean Hit List:

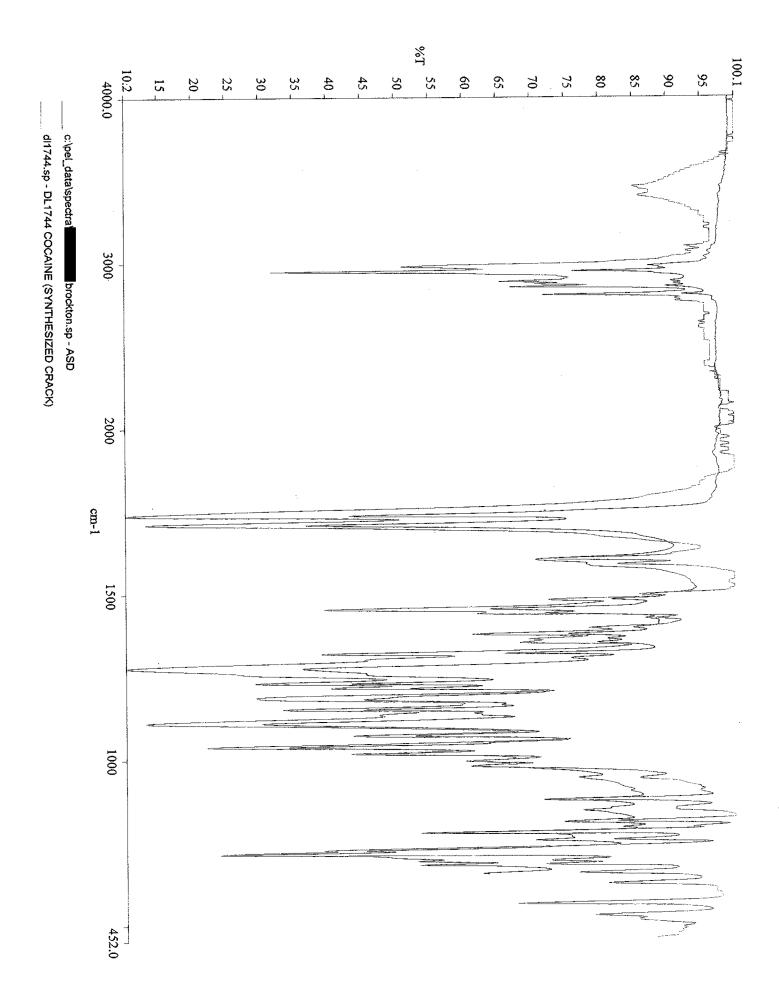
0.854 DL1744 COCAINE (SYNTHESIZED CRACK)

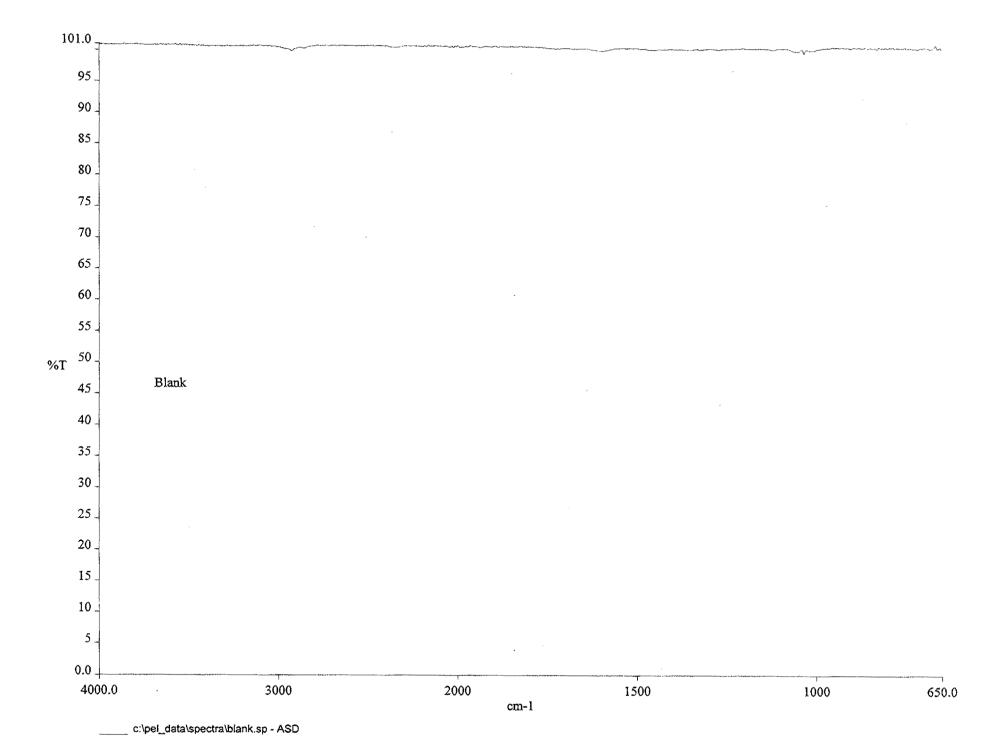
0.821 DL0178 COCAINE IN KBr

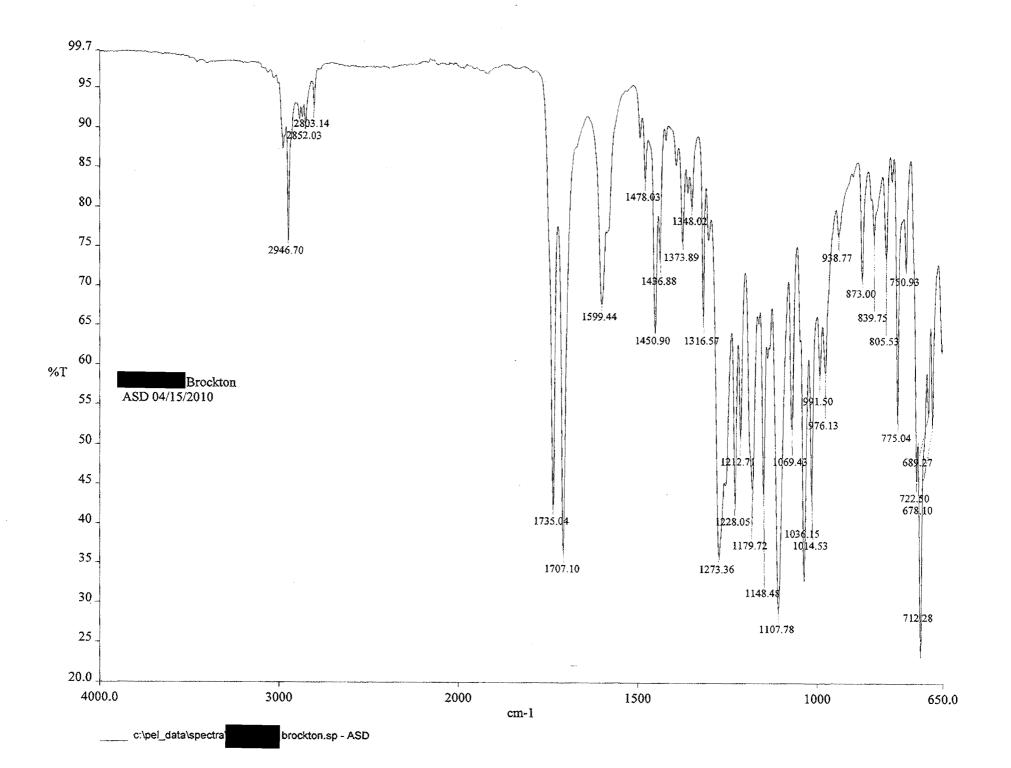
0.634 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:







Unknown: C:\pel\_data\spectra Library: C:\pel\_data\libs\DL.idx

Brockton.sp

## Euclidean Hit List:

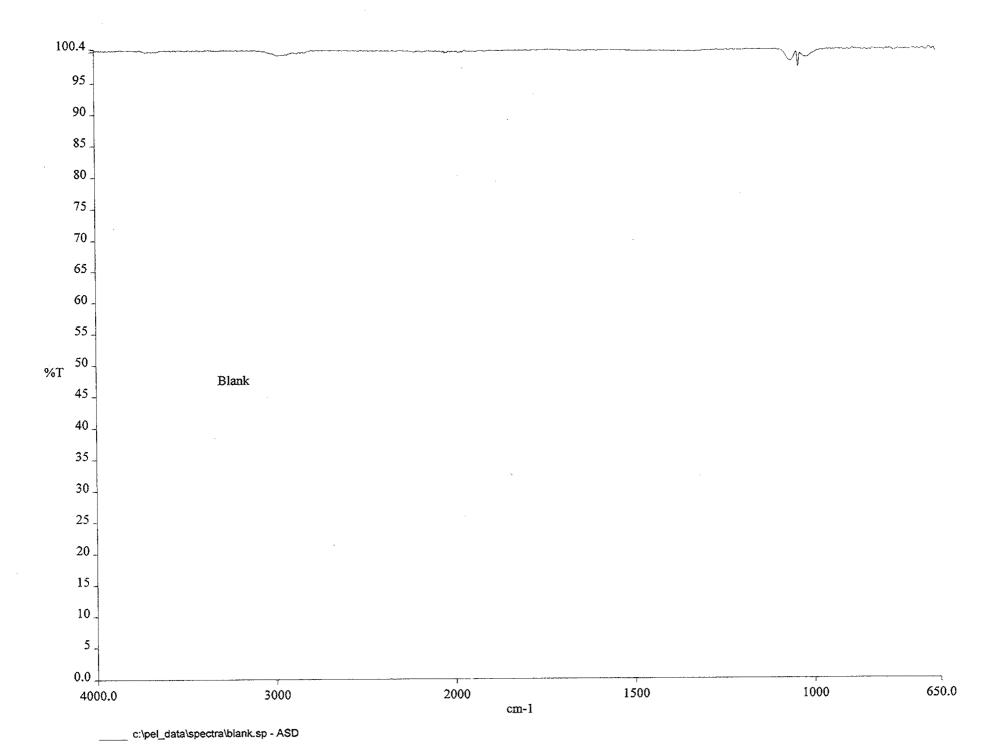
0.851 DL1744 COCAINE (SYNTHESIZED CRACK)

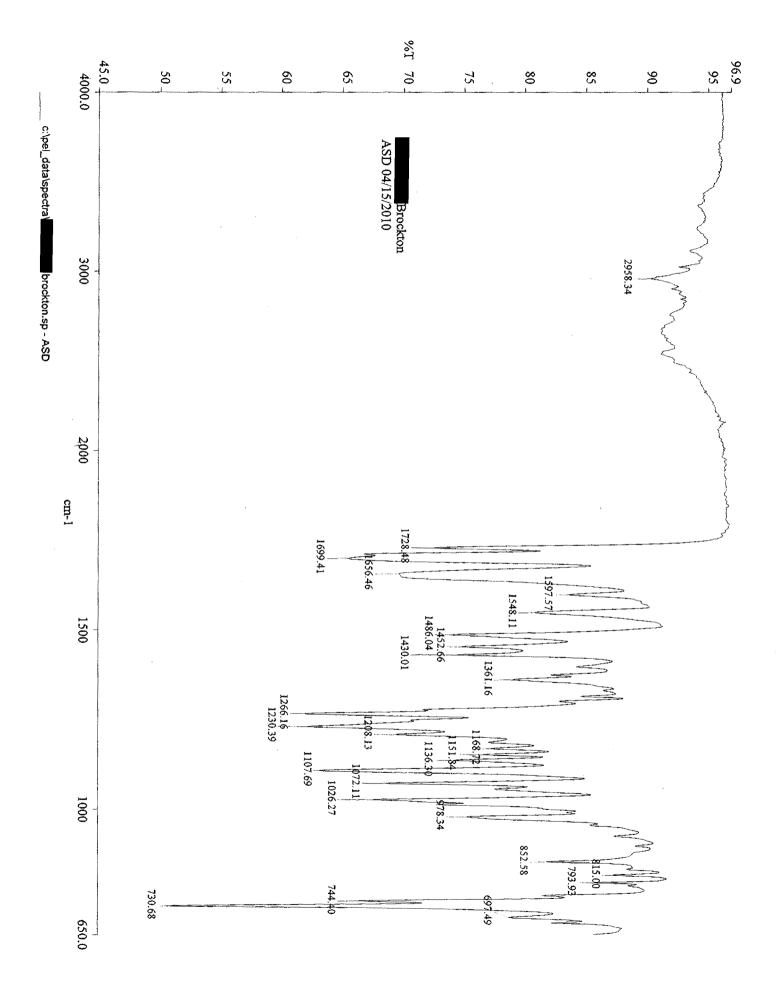
0.816 DL0178 COCAINE IN KBr

0.631 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:





Date: Thu Apr 15 2010

Folk\_OIG\_PRR\_023886

Unknown: C:\pel\_data\spectra\

Brockton.sp

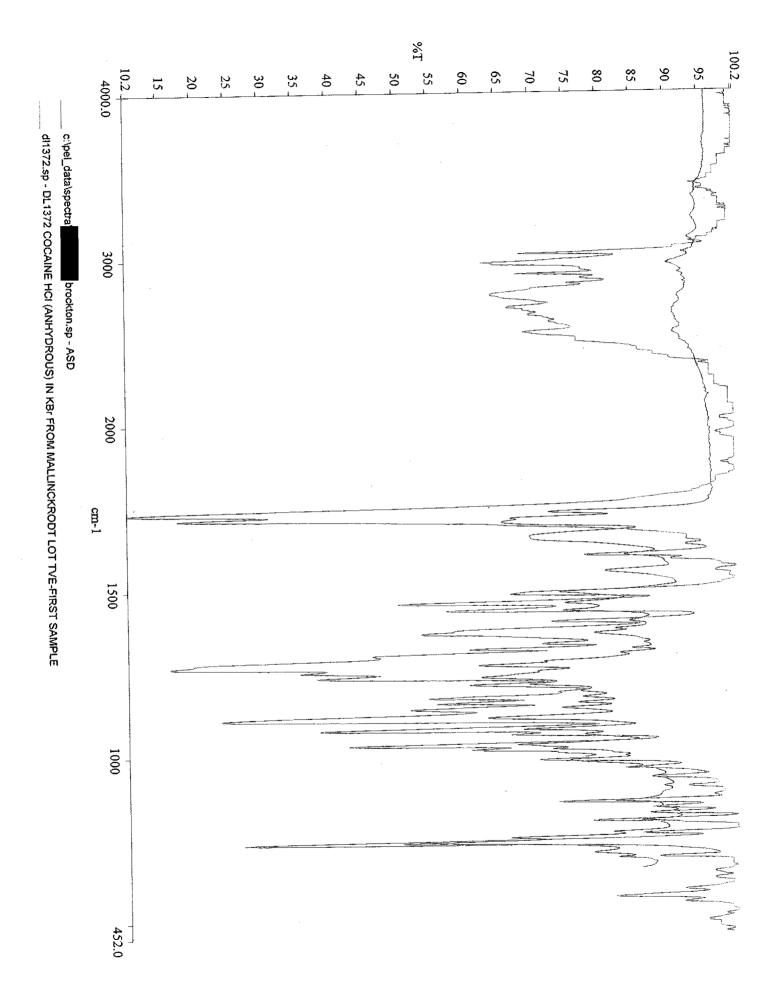
Library: C:\pel\_data\libs\DL.idx

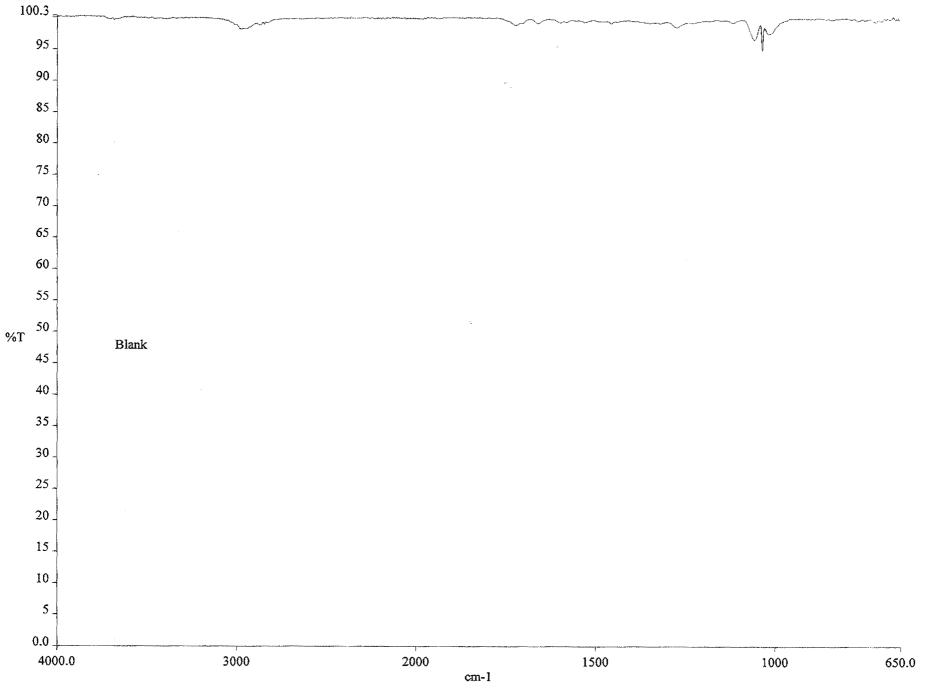
## Euclidean Hit List:

0.649 DL1372 COCAINE HCI (ANHYDROUS) IN KBr FROM MALLINCKRODT LOT TVE-FIRST SAMPLE 0.642 DL1373 COCAINE HCI (ANHYDROUS) IN KBr 0.621 DL1329 90% COCAINE HCI/10% LACTOSE IN KBr (+/- 3%)

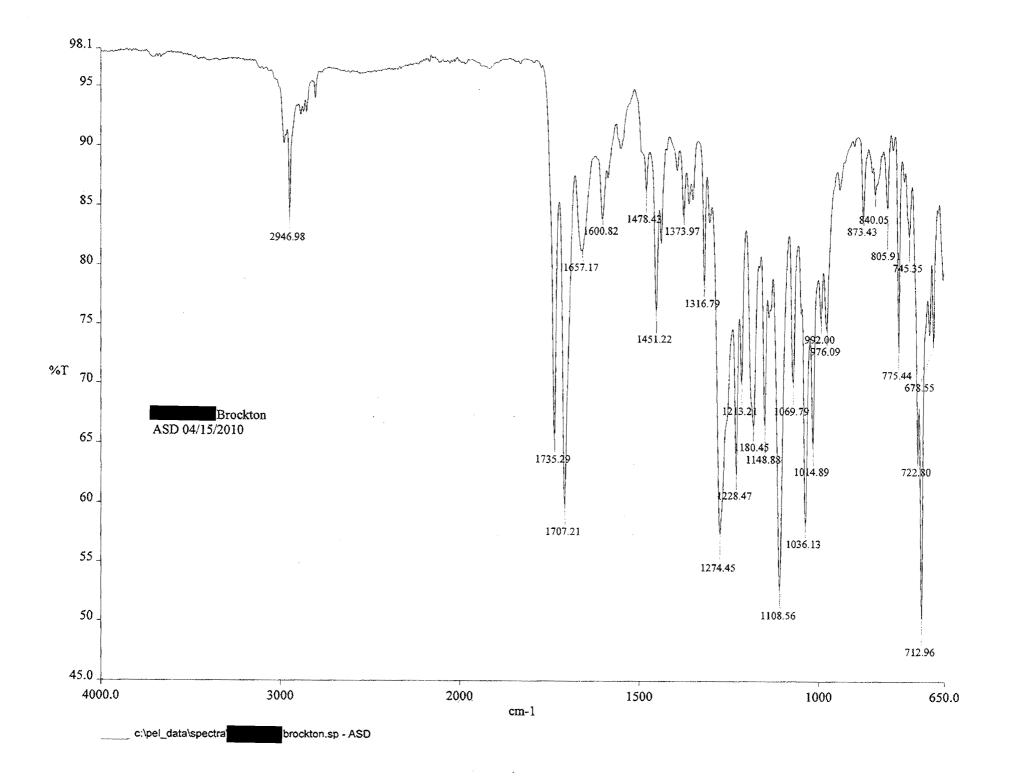
Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:





\_\_\_\_ c:\pel\_data\spectra\blank.sp - ASD



Date: Thu Apr 15 2010

Unknown: C:\pel\_data\spectra Library: C:\pel\_data\libs\DL.idx

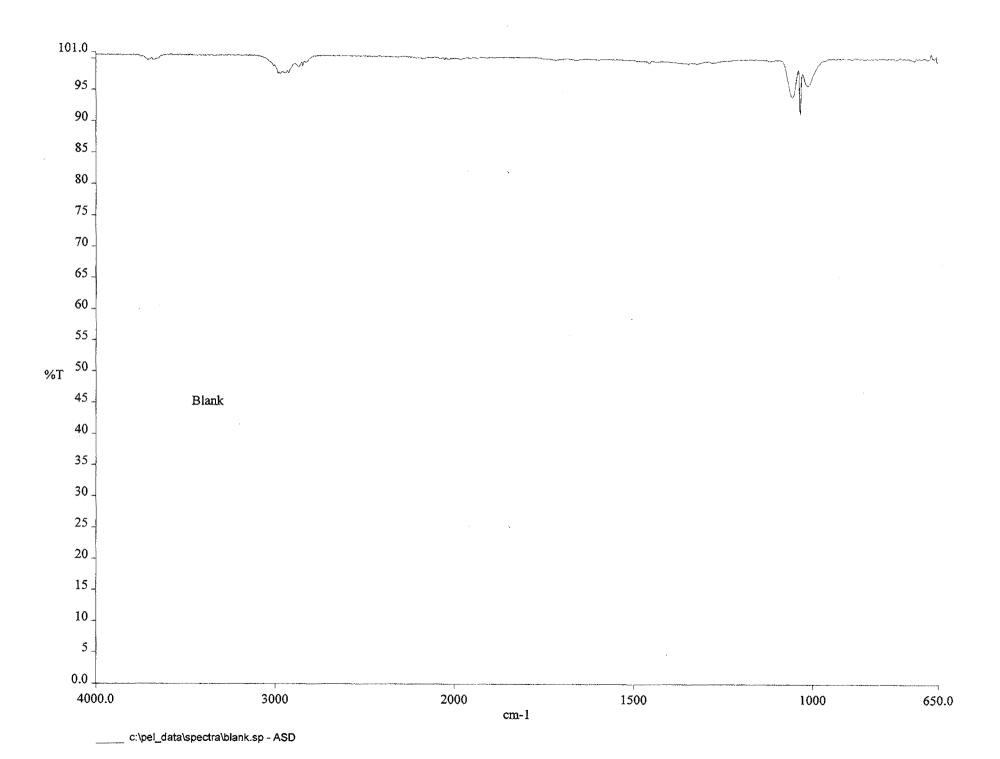
Brockton.sp

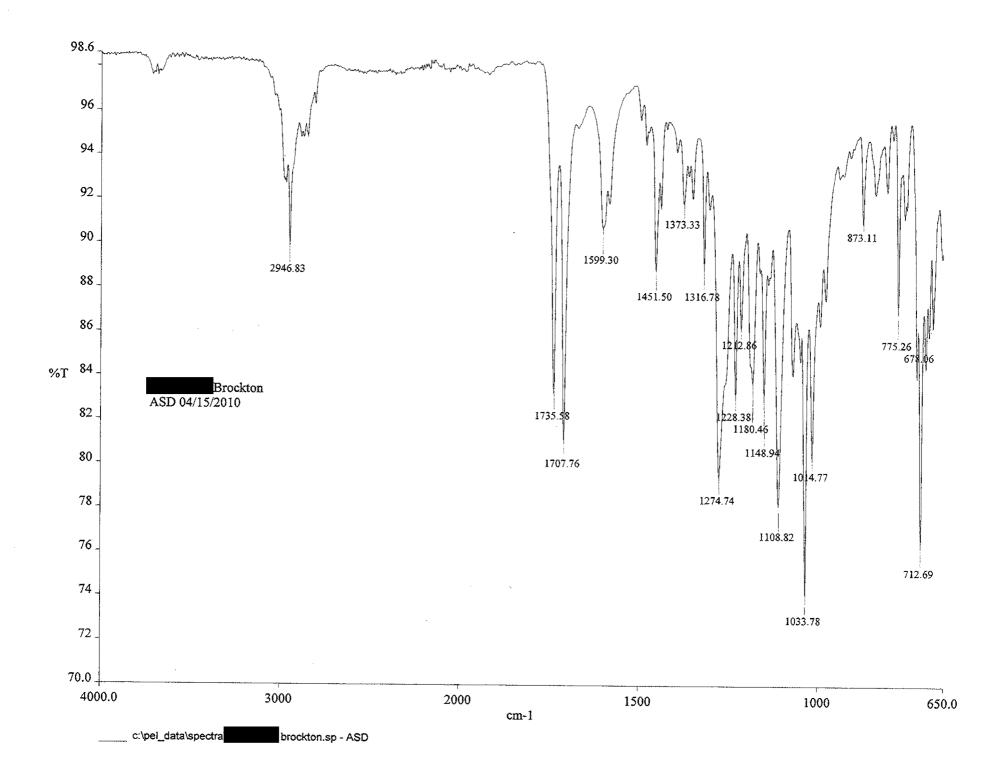
## Euclidean Hit List:

0.862 DL1744 COCAINE (SYNTHESIZED CRACK) 0.838 DL0178 COCAINE IN KBr 0.669 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions:





Date: Thu Apr 15 2010

Unknown: C:\pel\_data\spectra Library: C:\pel\_data\libs\DL.idx

Brockton.sp

# Euclidean Hit List:

0.865 DL1744 COCAINE (SYNTHESIZED CRACK)

0.860 DL0178 COCAINE IN KBr

0.624 DL0209 COCAINE HCI IN KBr (MERCK)-SAMPLE CONTAINS WATER-METHANOL MIXTURE

Selected Range: 4000.00 - 652.00 cm-1

No Blank Regions: